

In the Claims:

Please amend claims 27 and 28, and cancel claim 29.

Claims 1 - 2 cancelled

3. (Previously presented) The immunogenic composition according to Claim 27 further comprising an inactivating agent.
4. (Previously presented) The immunogenic composition according to Claim 3, wherein the inactivating agent is selected from the group consisting of formalin, beta-propiolactone, heat, binary ethylenimine, detergents, and freeze/thaw.
5. (Previously presented) The immunogenic composition according to Claim 27, wherein the adjuvant is selected from the group consisting of polymers, oil in water, water-in-oil-in-water, lipids, aluminum hydroxide, aluminum phosphate, aluminum sulfate, immunomodulators and combinations thereof.

Claims 6 - 26 cancelled

27. (Currently amended) An immunogenic composition comprising an effective amount of an L. intracellularis ~~, which is the antigen,~~ wherein said antigen consists essentially of an inactivated tissue culture produced, whole cell L.intracellularis strain deposited as ATCC deposit No. 55370, and an adjuvant, wherein on administration to swine said immunogenic

composition induces the production of antibodies to 21kD, 31kD, 41kD, 43-44kD, 60kD and 71kD antigens found on said *L.intracellularis* by Western blot analysis.

28. (Currently amended) The immunogenic composition according to claim 27, wherein the inactivated *L.intracellularis* antigen ~~comprises~~ is lysate of whole cell tissue culture grown *L.intracellularis*.

Claims 29 and 30 cancelled

31. (Previously presented) A method for protecting swine from disease caused by *L.intracellularis* comprising, administering to said swine an effective amount of the immunogenic composition according to claim 27.